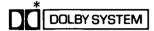
ORDER NO. HAD8705122C1

Service Manual

Dolby NR-Equipped
Double Cassette Deck

RS-363

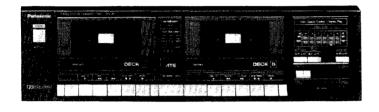


Color

(K)...Black Type

Color	Area
(K)	[M]U.S.A.

System SC-3630



SPECIFICATIONS

Deck system
Track system
Heads
(DECK A) REC/PLAY
Erasing
(DECK B) PLAY
Hard Permaloy head
Double-gap ferrite head
(DECK B) PLAY
Hard Permaloy head
Hard Permaloy head
Motors
(DECK A) Capstan/reel table drive
2 speed electronically controlled DC motor
(DECK B) Capstan/reel table drive

2 speed electronically controlled DC motor

Recording system AC bias

Bias frequency 80 kHz

Erasing system AC erase

Tape speed 4.8 cm/sec. (1-7/8 ips)

Frequency response (w/o Dolby N.R.)

METAL 20 Hz∼16 kHz

40 Hz~15 kHz (±3 dB)

 CrO_2 20 Hz \sim 15 kHz

40 Hz~14 kHz (±3 dB)

NORMAL 20 Hz \sim 15 kHz 40 Hz \sim 14 kHz (\pm 3 dB) S/N (signal level = max recording level,

CrO₂ type tape)

DOLBY NR on 66 dB

DOLBY NR off 56 dB

Wow and flutter 0.08% (WRMS)

Fast Forward and Rewind Time

Approx. 105 seconds with C-60 cassette tape

Input sensitivity and impedance

LINE 60 mV/47 k Ω

Output voltage and impedance

LINE 400 mV/3.2 k Ω

Power consumption 18W

Power supply AC 120V, 60 Hz

Dimensions (W×H×D) $430 \times 120 \times 228 \text{ mm}$

 $(16-15/16" \times 4-23/32" \times 8-31/32")$

Weight 3.8 kg (8.4 lb.)

 Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.
 "Dolby" and the double-D symbol are trade marks of Dolby

Laboratories Licensing Corporation.

Panasonic.

Matsushita Services Company 50 Meadowland Parkway, Secaucus, New Jersey 07094 Panasonic Hawaii, Inc. 91-238, Kauhi St. Ewa Beach P.O. Box 774 Honolulu, Hawaii 96808-0774 Panasonic Sales Company, Division of Matsushita Electric of Puerto Rico, Inc. Ave, 65 De Infanteria, KM 9.7 Victoria Industrial Park Carolina, Puerto Rico 00630

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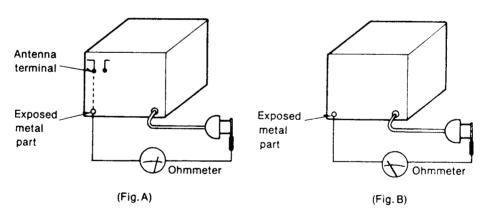
■ SAFETY PRECAUTION (This "safety precaution" is applied only in U.S.A.)

- 1. Before servicing, unplug the power cord to prevent an electric shock.
- 2. When replacing parts, use only manufacturer's recommended components for safety.
- 3. Check the condition of the power cord. Replace if wear or damage is evident.
- 4. After servicing, be sure to restore the lead dress, insulation barriers, insulation papers, shields, etc.
- 5. Before returning the serviced equipment to the customer, be sure to make the following insulation resistance test to prevent the customer from being exposed to a shock hazard.

INSULATION RESISTANCE TEST

- 1. Unplug the power cord and short the two prongs of the plug with a jumper wire.
- 2. Turn on the power switch.
- 3. Measure the resistance value with ohmmeter between the jumpered AC plug and each exposed metal cabinet part, such as screwheads antenna, control shafts, handle brackets, etc. Equipment with antenna terminals should read between $3M\Omega$ and $5.2M\Omega$ to all exposed parts. (Fig. A) Equipment without antenna terminals should read approximately infinity to all exposed parts. (Fig. B)

Note: Some exposed parts may be isolated from the chassis by design. These will read infinity.



Resistance = $3M\Omega - 5.2M\Omega$

Resistance = Approx ∞

4. If the measurement is outside the specified limits, there is a possibility of a shock hazard. The equipment should be repaired and rechecked before it is returned to the customer.

ACCESSORIES

•AC power supply cord 1



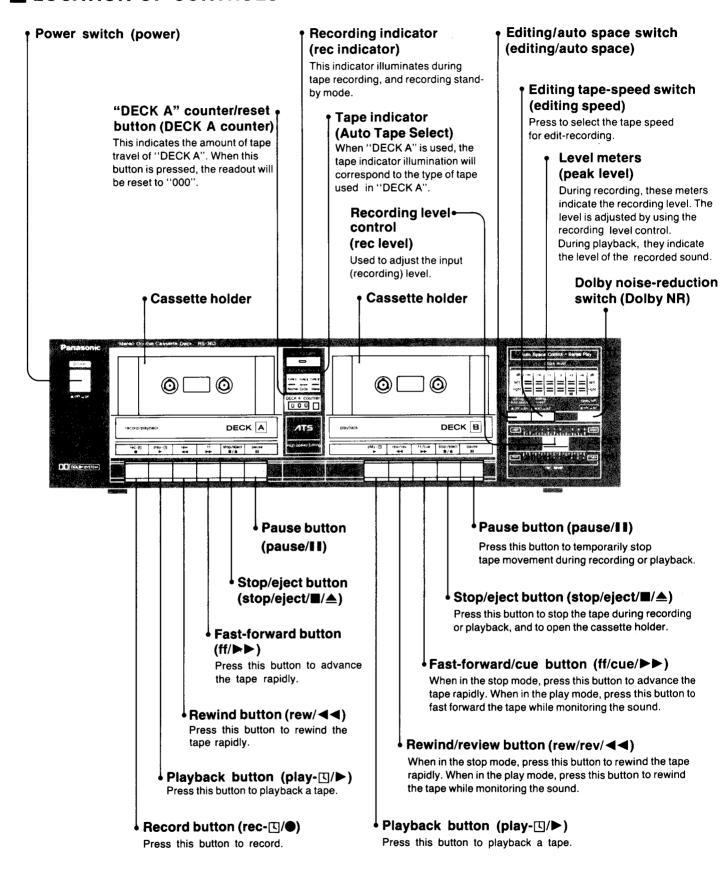
•Stereo connection cables (Short) . . . 2



(SJP2271 x 2

(SJA170T)

■ LOCATION OF CONTROLS



When using "DECK A"

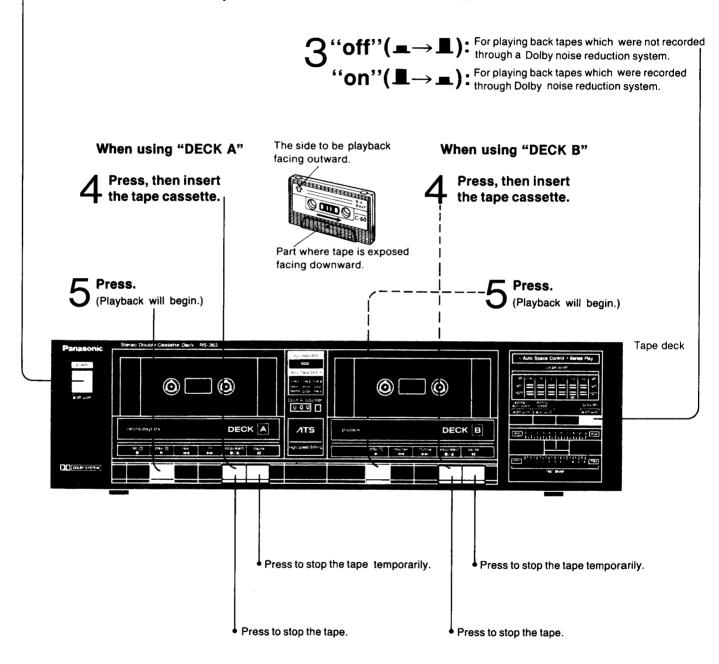
When using "DECK B"

OPERATION

Listening to Tapes

Power: "on" (┸→≖)

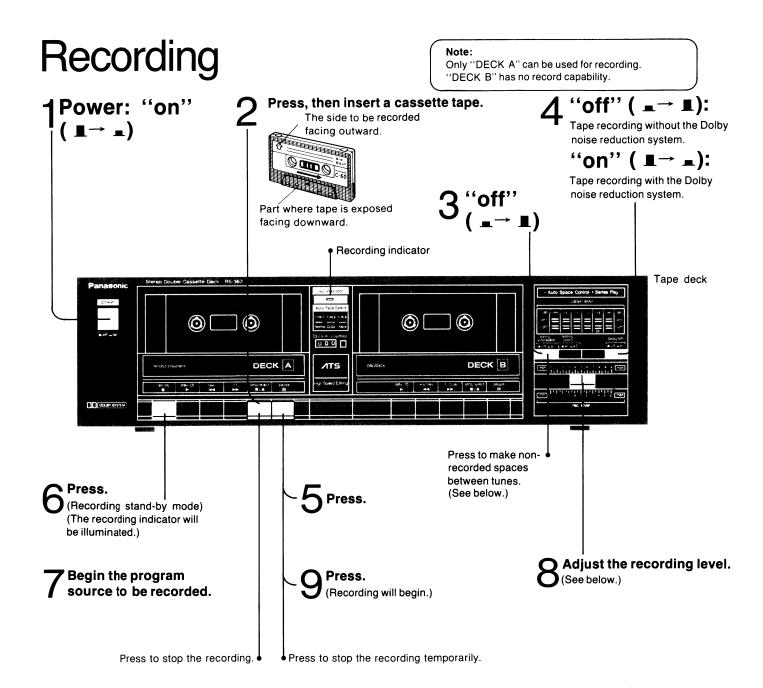
Press the tape monitor selector on the amplifier marked "tape 1" so that the indicator illuminates.



When using "DECK A"

When using "DECK B"

6 Adjust the volume level and the desired tone quality.



Adjustment of the recording level

The numbers which you should use as a guide for the adjustment of the tape level will differ depending upon the type of tape used.

Tape type	Normal (TYPE I) CrO ₂ (TYPE II)	Metal (TYPE IV)
Level (Dolby NR off)	0 dB	+3 dB
Level (Dolby NR on)	+3 dB	+6 dB

To make non-recorded spaces between tunes

With this unit, by following the steps below, it is possible to make non-recorded spaces (four seconds long) between tunes.

During recording, press the editing/auto space switch.
 (After about 4 seconds, the "DECK A" will automatically change to the recording stand-by mode.)

To start the recording again, set this button to the "off" position

To erase recorded sounds

- Insert the recorded tape cassette into the cassette holder of "DECK A".
- 2. Set the recording level to the "0" (minimum) position, and Dolby NR switch to the "off" position.
- 3. Press the record button, and let the tape run.
- Note that any sounds on the tape will be automatically erased if a new recording is made on that part of the tape.

■ DISASSEMBLY INSTRUCTIONS

Ref. No.	How to remove the cabinet	Ref. No.	How to remove the LED meter P.C.B. and VR/SW P.C.B.	
Procedure 1	Remove the 4 screws.	Procedure 1 → 4	 Remove the 2 screws (1, 2). Push the one tab aside, and then remove the VR/SW P.C.B. 	
Ref. No.	How to remove the main P.C.B.	LED Meter P.		
Procedure 1 → 2 Ope	 Remove the one screws (1). Open the side of back chassis, and then pull down it. Remove the one screw (2). Remove the 4 tabs aside. 			
Ref. No.	How to remove the mechanism unit	Ref. No.	How to remove the LED P.C.B.	
Procedure 1 → 3	 Remove the 6 screws (~6). Push the eject button. Remove the counter belt (for mechanism 	Procedure 1. Remove the 2 screws (7, 8). (fig. 2) 2. Remove the 3 tabs aside. (fig. 2)		
	unit of DECK A).	Ref. No. 6	How to remove the front panel	
	Counter Belt	Procedure $1 \rightarrow 3 \rightarrow 4$ $\rightarrow 5 \rightarrow 6$	 Remove the 5 screws (
Tabs LED P.C.B. Mechanism Unit Fig. 2		Open	Open Front Panel	
		Fig. 4		

"ATTENTION SERVICER"

Some chassis components may have sharp edges. Be careful when disassembling and servicing.

■ MEASUREMENT AND ADJUSTMENT METHODES

Measurement Condition

- Input level controls; Maximum
- Editing switch; Off
- NR switch; Off
- Editing tape speed switch; X1

Measuring instrument

- EVM(Electronic Voltmeter)
- Oscilloscope
- Digital frequency counter
- AF oscillator

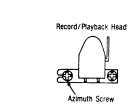
Test tape

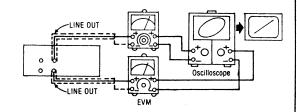
- Head azimuth adjustment (8kHz, -20dB); QZZCFM
- Tape speed adjustment (3kHz, -10dB); QZZCWAT
- Playback frequency response (315Hz, 12.5kHz, 10kHz, 8kHz, 4kHz, 1kHz, 250Hz, 125Hz, 63Hz, -20dB); QZZCFM

- Make sure heads are clean
- Make sure capstan and pressure roller are clean
- Judgeable room temperature 20±5°C(68±9°F)
- ATT(Attenuator)
- DC voltmeter
- Resistor (600Ω)
- Playback gain adjustment (315Hz, 0dB); QZZCFM
- Overall frequency response, Overall gain adjustment Normal reference blank tape; QZZCRA CrO₂ reference blank tape; QZZCRX Metal reference blank tape; QZZCRZ

HEAD AZIMUTH ADJUSTMENT

- Playback the azimuth adjusted part(8kHz, -20dB) of the test tape(QZZCFM) and regulate the angle adjusting screw so that the outputs of L-CH and R-CH are maximized.
- (When the adjusting positions are different with L-CH and R-CH, find a position where the outputs of L-CH and R-CH are balanced, and then make the adjustment.)
- 2.At the same time, obtain a lissajous waveform and eliminate phase deflection.
- 3. After adjustment, lock the tape guide height and angle adjustment screws.





TAPE SPEED ADJUSTMENT

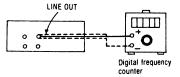
High speed

- 1.Set the editing tape speed switch to "X2" and connect the Deck A=TP1 and TPN1, Deck B=TP2 and TPN2.
- 2.Playback the middle part of the test tape (QZZCWAT).
- 3.Adjust Deck A = VR803 so that the output is within the standard.

Normal speed

- 4.Set the editing tape speed switch to "X1" and open the Deck A=TP1 and TPN1, Deck B=TP2 and TPN2.
- 5. Playback the middle part of the test tape (QZZCWAT).
- 6.Adjust Deck A = VR801 and Deck B = VR802 so that the output is within the standard.

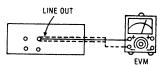
Standard value: 3000±15Hz(Normal), 6000±630Hz(High)



— 7 —

PLAYBACK FREQUENCY RESPONSE

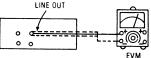
- 1.Playback the playback frequency response part (315Hz, 12.5kHz~ 63Hz, -20dB) of the test tape (QZZCFM).
- 2.Check that the frequency is within the range shown in Fig.1 for both L-CH and R-CH. (See page 9.)



PLAYBACK GAIN ADJUSTMENT

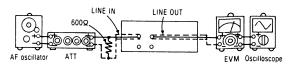
- 1.Playback the playback gain adjusted part (315Hz, 0dB) of the test tape (QZZCFM).
- 2.Adjust Deck $\dot{B}=VR1(\dot{L}-CH)$ ((VR2(R-CH))) and Deck $A=VR3(\dot{L}-CH)$ ((VR4(R-CH))) so that the output is within the standard.

Standard value: 0.4±0.02V



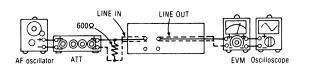
OVERALL FREQUENCY RESPONSE

- 1.Set a normal blank tape (QZZCRA) and record by applying signal (50Hz ~ 12.5kHz), 20dB attenuated from the reference input level signal (1kHz, -24dB).
- 2.Playback the signal recorded in step 1, and check that the level of each output frequency is within the range shown in **Fig.2** in comparison with the reference frequency (1kHz).
- 3.If it is not within the standard range, adjust the bias current by Deck A = VR301(L-CH) (Deck A = VR302(R-CH)) so that the frequency level is within the standard.
- Level up in high frequency range......Increase the bias current.
- Level down in high frequency range...Decrease the bias current.
- 4.After that, increase the signal recorded on CrO₂ blank tape(QZZCRX) and metal blank tape(QZZCRZ) up to 14kHz and adjust in the same way as mentioned above and check that the frequency level is within the range shown in Fig.3.



OVERALL GAIN ADJUSTMENT

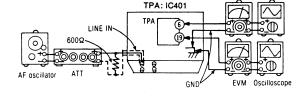
- 1.Set a normal blank tape (QZZCRA) and apply the reference input level signal (1kHz, -24dB) in record
- 2.Adjust the output 0.4V by attenuator and then record.
 3.Playback the signal recorded in step 2, and check that the output is within the standard.
- 4.If it is not within the standard, adjust Deck A = VR5(L-CH) ((Deck A = VR6(R-CH))) and repeat the step (1), (2) and (3) until the output is within the standard.



Standard value: 0.4V ± 0.5dB(0.02V)

DOLBY NR CIRCUIT

- 1.Set a normal tape and apply 5kHz signal in record pause
- 2.Adjust by attenuator so that the output between terminal 6(L-CH) ((terminal 19(R-CH))) of IC401 and ground is 12.3mV.
- 3. Turn NR switch ON, and check that the level changes as specified from the level in NR out mode.



Standard value: 8 ± 1.5dB

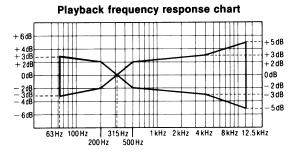
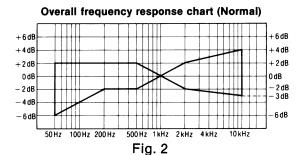
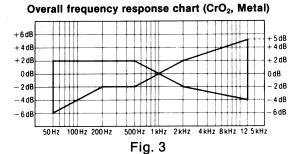
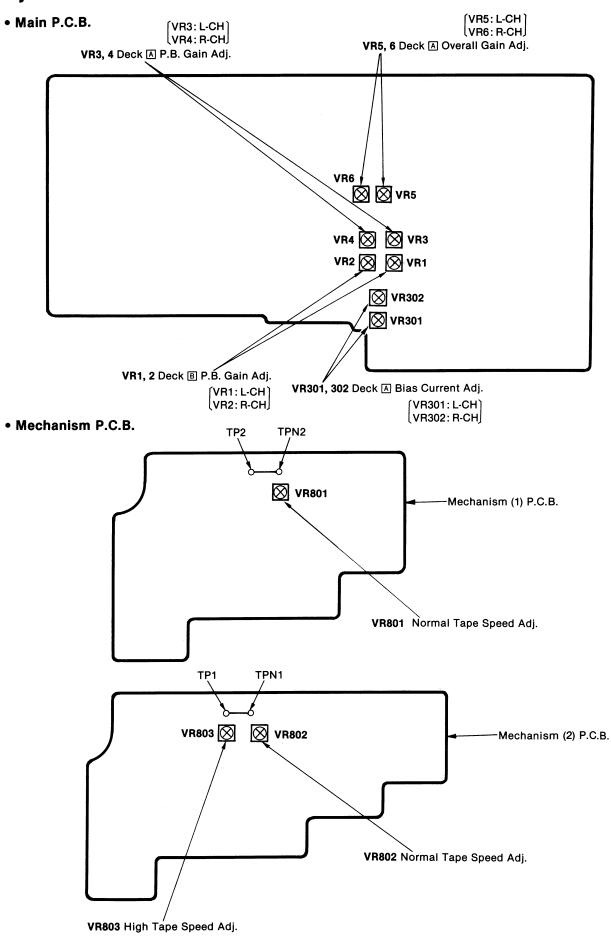


Fig. 1





Adjustment Points



— 9 **—**

■ MICROCOMPUTER TERMINAL FUNCTION AND WAVEFORM (IC801: MN1402STO)

Terminal No.	Symbol	Name	Function/operation		
1	Vss		Connection to GND.		
2	CO9		Non connection.		
3	CO8		• Non connection.		
4	CO7		• Non connection.		
			Remote control signal (SNS0 Terminal output signal input signal) "H" "H" (output) "L" One pulse signal		
5	CO6	Direct muting (DMT) signal output	 "L" in mute on (STOP, FF/REW, CUE/REV and each selector "H" in mute off (REC, PLAY). DMT Output timing of each selector. 		
			EO0, EO2, EO3 Output signal CO6 (DMT) Output signal H H H H 400~500msec		
6	CO5	Muting off signal output of playback AMP	• Deck 围 "L" in CUE/REV, "H" in other.		
7	AI3	Reading of input switch state deck B auto tape selector (S904)	"L" when auto tape selector is on mode. "H" when auto tape selector is off mode.		
8	Al2	Reading of input switch state deck B FF/REW (S902)	"L" when FF/REW switch is on mode. "H" when FF/REW switch is off mode.		

9 Al1 Reading of input DO0 output (Scan A) signal → "L" switch state deck A, Deck A... deck B motors "L" in motor switch on, "H" in motor switch off. • DO1 output (Scan B) signal → "L" (S906, S903) Deck B... "L" in motor switch on, "H" in motor switch off. 10 AI0 Reading of input DO0 output (Scan A) signal → "L" switch state deck A, Deck A... deck B PLAY "L" in PLAY switch on, "H" in PLAY switch off. (S905, S901) • DO1 output (Scan B) signal → "L" Deck B... "L" in PLAY switch on, "H" in PLAY switch off. 11 BI3 Reading of input • "L" when editing switch is on mode. switch state editing • "H" when editing switch is off mode. (S1) 12 BI2 Reading of input • "L" when tape speed selector is on mode. switch state Tape • "H" when tape speed selector is off mode. speed selector (S2) 13 BI1 Reading of input • "L" when auto tape selector is on mode. switch state deck A • "H" when auto tape selector is off mode. auto tape selector (S908) 14 BI0 Reading of input • "H" when REC switch is on mode. switch state deck A • "L" when REC switch is off mode. REC (S907) 15 EO0 Mode selector deck A • "L" in PLAY mode, "H" in other mode, 16 EO1 Playback equalizer • "L" in 120μs mode, "H" in 70μs mode. (120µs/70µs) selector 17 EO2 Tapespeed (X1/X2) • "L" in normal speed (X1), "H" in high speed (X2). selector 18 EO3 Dolby IC mode • "L" in REC mode, "H" in PLAY mode. selector (REC/PLAY) 19 RST Reset terminal • Used to reset the microcomputer when power is thrown in. • Reset at "L". 20 TST • Connection to GND. 21 DO3 Motor selector deck B • "H" in motor deck B off, "L" in motor deck B on. 22 DO2 Motor selector deck A • "H" in motor deck A off, "L" in motor deck A on.

Function/operation

Terminal

No.

Symbol

Name

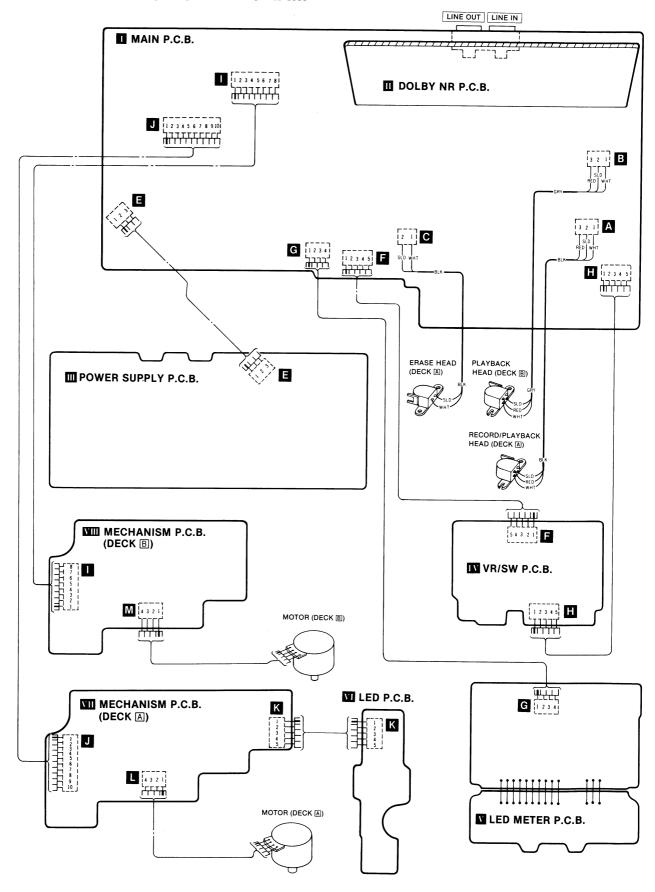
Terminal No.	Symbol	Name	Function/operation
23	DO1	Scan B	•Scan signal for reading of PLAY switch input.
24	DO0	Scan A	• Scan signal for reading of REC switch input.
25	SNS0		• Non connection.
26	SNS1		Non connection.
27	V_{DD}	Power supply terminal	•Operative on 5±0.5 volts.
28	osc	Clock Oscillation	Clock oscillation of about 300 kHz.

■ TERMINAL GUIDE OF IC'S, TRANSISTORS AND DIODES

ATT No. 1	N6634 AN6888 NE657N MN14028 AN7016K		2SJ40CD 2SK381 Drain Gate Source	2SB621A-R 2SD592ANCQ E C B	E C B	2SA1309AQS 2SC3311-Q 2SD1330R
UN4211	C C	UN41	13, UN4114		MA165 SVD1SR35200	Anode MA4082M MA4062-M MA4075M MA4075M
Anode Ca o	Cathode	LN463YCPP LN863RCPP		Anode Anode Ca o-	Cathode A	LN846RP (RED) LN346GP (GRN) LN446YP (YEL)

■ WIRING CONNECTION DIAGRAM

D



■ RESISTORS & CAPACITORS

Notes: * Important safety notice:

Components identified by A mark have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.

* Bracketed indications in Ref. No. columns specify the

Parts without these indications can be used for all areas.

Numbering System of Resistor

Example

ERD	25	F	J	102
Type	Wattage	Shape	Tolerance	Value
ERX	2	AN	J	471
Type	Wattage	Shape	Tolerance	Value 47x10 ¹ (ohm)

Numbering System of Capacitor

Numbe	Mumbaring System of Capacitor					
Examp	le					
ECKD	1H	102	Z	F		
Type	Voltage	Value	Tolerance	Peculiarity		
ECEA	50		M	330		
Type	Voltage	Pe	culiarity	Value (33x10° microfarad)		

Resistor Type	Wattage	Tolerance
ERD : Carbon ERG : Metal Oxide ERX : Metal Film ERQ : Fuse Type Metal ERD [] L : Carbon (chip) ERO [] K : Metal Film (chip) ERC : Solid	10 : 1/8W 12 : 1/2W 25 : 1/4W 1A : 1W 18 : 1/8W S2 : 1/4W S1 : 1/2W 2F : 1/4W 50 : 1/2W 2A : 2W	J : ±5% F : ±1% G : ±2% K : ±10%

Ref. No.	Part No.	Part Code	Ref. No.	Part No.	Part Code	Ref. No.	Part No.	Part Code
DEGLOTODO			R420	ERDS2TJ103	001 152 2347 3	R838	ERDS2TJ154	001 152 2427 4
RESISTORS		204 450 0404 2	R423	ERDS2TJ102	001 152 2346 4	CAPACITORS		
R1, R2	ERDS2TJ101	001 152 2421 0	R424	ERDS2TJ473	001 152 2363 3	C1, C2	RCBS1H391KBY	001 103 8540 5
R3, R4	ERDS2TJ101	001 152 2421 0	R601, R602	ERDS2TJ470	001 152 2442 5	C3, C4	RCBS1H271KBY	001 103 5611 9
R5, R6	ERDS2TJ101	001 152 2421 0	R603	ERDS2TJ101	001 152 2421 0	C5, C6	ECQB1H123JZ	001 106 3239 2
R7, R8	ERDS2TJ225	001 152 3149 3	R604	ERDS2TJ102	001 152 2346 4	C7, C8	ECEA0JU101	001 120 2829 8
R9, R10	ERDS2TJ820	001 152 2453 2	R605	ERDS1FJ100	001 152 2612 5	C9, C10	ECEA1EK4R7	001 120 0294 5
R11, R12	ERDS2TJ392	001 152 2439 0 001 152 2354 4	R606	ERDS1FJ220	001 152 2622 3	C11, C12	ECBT1H681KB5	001 103 9167 2
R13, R14	ERDS2TJ272		R607, R608	ERDS2TJ102	001 152 2346 4	C15, C16	ECKD1H122KB	001 103 1459 5
R15, R16	ERDS2TJ122	001 152 2423 8 001 152 2357 1	R613	ERDS2TJ563	001 152 2446 1	C17, C18	ECCD1H181K	001 103 0466 0
R17, R18	ERDS2TJ332		R701, R702	ERDS2TJ363	001 152 2594 0	C19, C20	ECEA1HKR33	001 120 0337 1
R19, R20	ERDS2TJ154	001 152 2427 4	R703, R704	ERDS2TJ472	001 152 2362 4	C21, C22	ECEA1HK010	001 120 0341 5
R21, R22	ERDS2TJ273	001 152 2436 3	R705, R706	ERDS2TJ154	001 152 2427 4	C23, C24	ECKD2H101KB	001 103 1610 6
R23, R24	ERDS2TJ472	001 152 2362 4	R707	ERDS2TJ562	001 152 2445 2	C25, C26	ECKD1H561KB	001 103 1576 1
R25, R26	ERDS2TJ102	001 152 2346 4	R708, R709	ERDS2TJ221	001 152 2431 8	C27, C28	ECQB1H332JZ	001 106 3316 6
R27, R28	ERDS2TJ330	001 152 2355 3	R710, R711	ERDS2TJ330	001 152 2355 3	C29, C30	ECQB1H223JZ	
R29, R30	ERDS2TJ472	001 152 2362 4	R801	ERDS2TJ103	001 152 2347 3	C31, C32	ECQB1H123JZ	001 106 3239 2
R31, R32	ERDS2TJ182	001 152 2352 6	R802	ERDS2TJ102	001 152 2346 4	C33, C34	ECQB1H123JZ	001 106 3239 2
R33, R34	ERDS2TJ182	001 152 2352 6	R803	ERDS2TJ103	001 152 2347 3	C35, C36	ECFR1E153KAY	001 108 1055 6
R37, R38	ERDS2TJ272	001 152 2354 4	R805	ERDS2TJ272	001 152 2354 4	C37, C38 △	ECKD1H223PF	001 103 1510 9
R39, R40	ERDS2TJ183	001 152 2429 2	R806	ERDS2TJ332	001 152 2357 1	C39, C40	ECEA1HK010	001 120 0341 5
R41, R42	ERDS2TJ152	001 152 2350 8	R807, R808	ERDS2TJ103	001 152 2347 3	C41, C42	ECEA1HK2R2B	001 120 0346 0
R43, R44	ERDS2TJ182	001 152 2352 6	R809	ERDS2TJ103	001 152 2347 3	C43, C44	ECEA1EK4R7	001 120 0294 5
R47, R48	ERDS2TJ274	001 152 2437 2	R810	ERDS2TJ563	001 152 2446 1	C45, C46	ECEA1EK4R7	001 120 0294 5
R49, R50	ERDS2TJ154	001 152 2427 4	R811	ERDS2TJ332	001 152 2357 1	C47 △	ECKD1H223PF	001 103 1510 9
R51, R52	ERDS2TJ363	001 152 2594 0	R812	ERDS2TJ392	001 152 2439 0	C301	ECKD1H392KB	001 103 1547 6
R53, R54	ERDS2TJ103	001 152 2347 3	R813	ERDS2TJ272	001 152 2354 4	C302	ECFR1E682KAY	
R301	ERDS2TJ1R0	001 152 2419 4	R814	ERDS2TJ103	001 152 2347 3	C303, C304	ECFR1E222KAY	001 108 0942 8
R302, R303	ERDS2TJ563	001 152 2446 1	R815	ERDS2TJ563	001 152 2446 1	C305 △	ECKD1H223PF	001 103 1510 9
R304, R305	ERDS2TJ100	001 152 2420 1	R817	ERDS2TJ271	001 152 2435 4	C306	ECFD1V473KD	001 108 0256 3
R308	ERDS2TJ561	001 152 2364 2	R818, R819	ERDS2TJ391	001 152 2360 6	C307	ECQP1183JZ	001 106 1083 2
R309	ERDS2TJ220	001 152 2430 9	R820	ERDS2TJ103	001 152 2347 3	C308	ECEA1CKS100	001 120 2600 7
R310	ERDS2TJ331	001 152 2356 2	R821, R822	ERDS2TJ273	001 152 2436 3	C309, C310	RCBS1H271KBY	001 103 5611 9
R401, R402	ERDS2TJ242	001 152 3150 0	R823	ERDS2TJ152	001 152 2350 8	C311	ECEA1CKS100	001 120 2600 7
R403, R404	ERDS2TJ471	001 152 2361 5	R824	ERDS2TJ273	001 152 2436 3	C403, C404	ECQB1H472JZ	001 106 3380 8
R405, R406	ERDS2TJ473	001 152 2363 3	R825, R826	ERDS2TJ152	001 152 2350 8	C405, C406	ECQM1H333JZ	001 106 0779 1
R407, R408	ERDS2TJ432	001 152 2827 2	R828, R829	ERDS2TJ103	001 152 2347 3	C407, C408	ECQM1H473JZ	001 106 0810 9
R409, R410	ERDS2TJ332	001 152 2357 1	R830	ERDS2TJ123	001 152 2424 7	C409, C410	ECQM1H334JZ	001 106 0786 2
R411, R412	ERDS2TJ102	001 152 2346 4	R831	ERDS2TJ682	001 152 2365 1	C411, C412	ECQV1H104JZ	001 106 2571 7
R413, R414	ERDS2TJ274	001 152 2437 2	R834	ERDS2TJ103	001 152 2347 3	C413, C414	ECKD1H122KB	001 103 1459 5
R415, R416	ERDS2TJ184	001 152 2588 8	R835	ERDS2TJ123	001 152 2424 7	C415, C416	ECKD1H152KB	001 103 1467 5
R417, R418	ERDS2TJ470	001 152 2442 5	R836	ERDS2TJ154	001 152 2427 4	C601, C602	ECEA0JS102	001 120 0152 8
R419	ERDS2TJ222	001 152 2353 5	R837	ERDS2TJ563	001 152 2446 1	10001,0002	_ 32	

Ref. No.	Part No.	Part Code	Ref. No.	Part No.	Part Code	Ref. No.	Part No.	Part Code
C603 C604, C605 ⚠ C606 ⚠ C607, C608 C609, C610	ECEA0JU222 ECKD1H223PF ECKD1H223PF ECEA1AU221 ECEA1CU471	001 120 3161 5 001 103 1510 9 001 103 1510 9 001 120 3131 1 001 120 3202 3	C611 C701, C702 C703 △∆ C802 C803	ECEA16V1000 ECEA1HK2R2B ECKD1H223PF ECEA1HKR47 ECCD1H101K	001 120 2545 7 001 120 0346 0 001 103 1510 9 001 120 0338 0 001 103 0341 2	C804	ECKD1H223PF ECEA1EK4R7 ECEA1AU221 ECFR1E682KAY ECQM1H224JZ	001 103 1510 9 001 120 0294 5 001 120 3131 1 001 106 0746 0

■ REPLACEMENT PARTS LIST

Notes: * Important safety notice:

Components identified by A mark have special characteristics important for safety. When replacing any of these components use only manufacturer's specified

* Bracketed indications in Ref. No. columns specify the

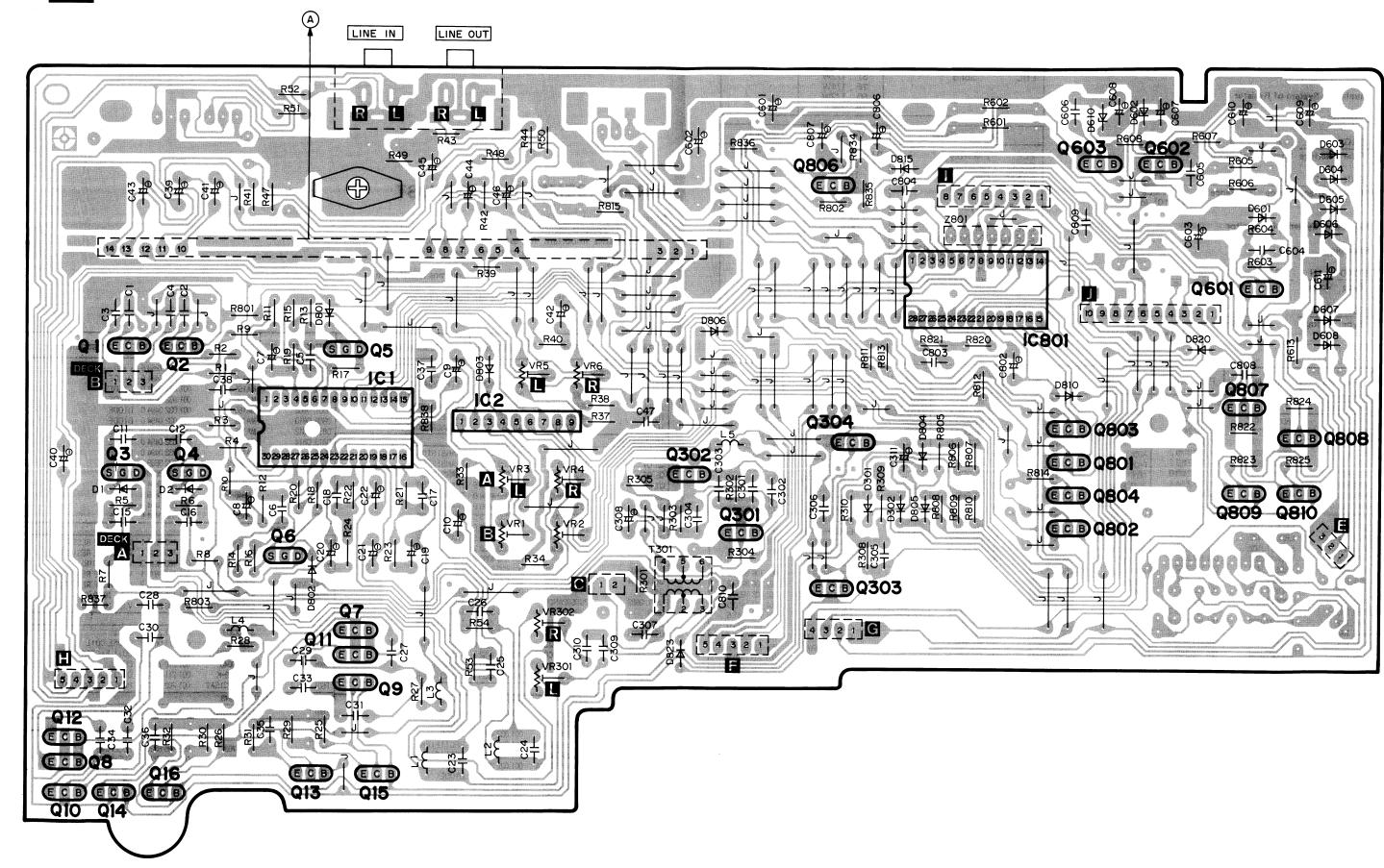
Parts without these indications can be used for all areas.

Ref. No.	Part No.	Part Code	Description	Ref. No.	Part No.	Part Code	Description
	l	<u> </u>		D704K, D704L	LN863RCPP	001 032 7263 5	I E D
INTEGRATED CIRC	JITS			D801, D802	MA165	001 032 0494 0	
IC1	AN7016K	001 061 4629 4	I.C. PLAYBACK/REC. AMP	D803, D804 MA165		001 032 0494 0	
IC2	MN6634	001 061 0884 7	I.C. DECK A/B SELECTOR	D805, D806	MA165	001 032 0494 0	
IC401	NE657N	001 060 7796 3	I.C. DOLBY/NR	D807, D808	MA165	001 032 0494 0	
I C701	AN6888	001 060 7693 9		D809, D810	MA165	001 032 0494 0	
I C801	MN1402ST0	001 061 4933 9	I.C. MICRO COMPUTER	D811, D812	MA165	001 032 0494 0	
TRANSISTORS				D813, D814	MA165	001 032 0494 0	
Q1, Q2	2SD1450R	001 030 4366 1	TRANSISTOR	D815	MA165	001 032 0494 0	
Q3, Q4	2SJ40CD	001 030 2807 5		D816	LN846RP	001 032 3839 3	
Q5, Q6	2SJ40CD	001 030 2807 5		D817	LN346GP	001 032 3829 5	
Q7, Q8	2SC3311A-Q	001 030 5279 5		D818	LN446YP	001 032 3834 8	
Q9, Q10	2SA1309AQS	001 030 4846 0	TRANSISTOR	D819	LN846RP	001 032 3839 3	L.E.D
Q11, Q12	2SA1309AQS	001 030 4846 0	TRANSISTOR	D820, D821	MA165	001 032 0494 0	DIODE
Q13, Q14	2SC3311A-Q	001 030 5279 5	TRANSISTOR	D822, D823	MA165	001 032 0494 0	DIODE
Q15, Q16	2SC3311A-Q	001 030 5279 5	TRANSISTOR	VARIABLE RESISTO	ORS		
Q301, Q302	2SC3311A-Q	001 030 5279 5		VR1, VR2	EVND4AA00B24	001 190 2244 1	VARIABLE RESISTOR
Q303	2SD592ANCQ	001 030 1752 7	TRANSISTOR	VR3, VR4	EVND4AA00B24		VARIABLE RESISTOR
Q304	UN4211	001 030 4033 9		VR5, VR6	EVND4AA00B14		V.R., 10KΩ(B)
Q401, Q402	2SC3311A-Q	001 030 5279 5		VR7, VR8	EWABP1X05A54		VARIABLE RESISTOR
Q403, Q404	2SC3311A-Q	001 030 5279 5		VR301, VR302	EVND4AA00B15		VARIABLE RESISTOR
Q405	2SA1309AQS	001 030 4846 0		VR801, VR802	EVN49C00YB14		V.R., 10KΩ(B)
Q601, Q602	2SD592ANCQ	001 030 1752 7		VR803	EVN49C00YB14	001 180 3171 7	
Q603	2SB621A-R	001 030 0668 6		COILS AND TRANS		001 100 0111 1	Ting Torce (2)
Q801, Q802	UN4113	001 030 2900 9					
Q803, Q804	UN4113	001 030 2900 9		L1, L2	SLQX303-1KT	001 211 3955 3	
Q806	2SA1309AQS	001 030 4846 0		L3, L4	SLQX272-1YT	001 211 0649 2	
Q807, Q808	2SD592ANCQ	001 030 1752 7		L5	ELEPK271KA		COIL FILTER
Q809, Q810	UN4114	001 030 4832 6		L401, L402	QLB40048	001 210 7275 9	
Q811, Q812	2SK381	001 030 4439 1	TRANSTSTUR	T301	SL09C19-K		OSCILLATOR COIL
DIODES				T601 <u></u>	SLT5K231SAT	001 202 8873 5	POWER TRANSFORMER
D1, D2	MA165	001 032 0494 0		COMPONENT COM			
D301, D302	MA165	001 032 0494 0		Z801	EXBF7E562J	001 230 1578 9	COMPONENT COMBINATION
D601	MA4062-M	001 032 7211 7		SWITCHES			
D602	MA4082M	001 032 4955 6		S1, S3	SSH3709	003 435 6325 3	PUSH SWITCH
D603, D604 △	SVD1SR35200A	001 032 3951 4		S4	SSH3709		PUSH SWITCH
D605, D606 △	SVD1SR35200A	001 032 3951 4		S601 △	SSH1226	003 435 6277 4	PUSH SWITCH
D607, D608 △	SVD1SR35200A	001 032 3951 4		S901, S902	SSP83	003 434 0996 9	SW
D610	MA4075M	001 032 7212 6		S903	SSP83	003 434 0996 9	SW
D704A, D704B	LN463YCPPU	001 032 7887 9 001 032 7887 9		S904	LSA-1150AU	003 434 0994 1	SWITCH
D704C, D704D	LN463YCPPU	001 032 7887 9		S905, S906	SSP83	003 434 0996 9	SW
D704E, D704F D704G, D704H	LN463YCPPU LN863RCPP	001 032 7263 5		S907	SSP83	003 434 0996 9	SW
D704G, D704H	LN863RCPP	001 032 7263 5		S908, S909	LSA-1150AU	003 434 0994 1	SWITCH
D1041, D1040	LINOUGHOFF	W1 WE 1200 5	L.L.U				

— 16 — --- 15 ---

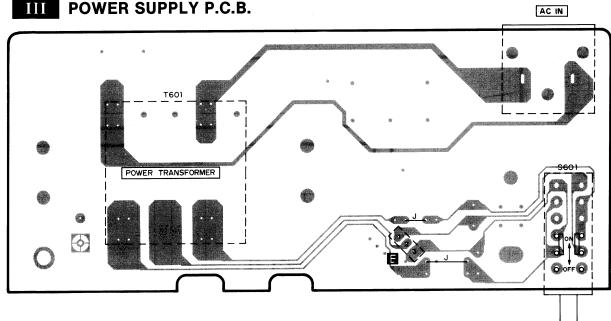
■ PRINTED CIRCUIT BOARDS

I MAIN P.C.B.



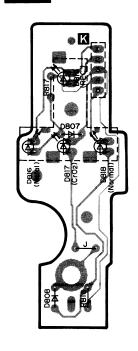
--- 17 ---

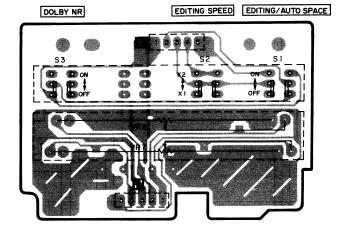
III POWER SUPPLY P.C.B.



IV VR/SW P.C.B.

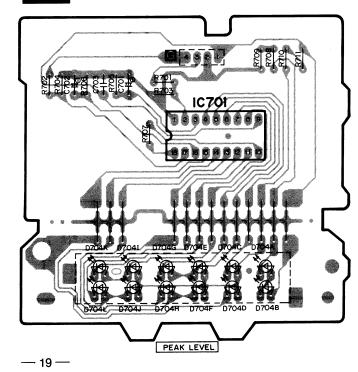
VI LED P.C.B.



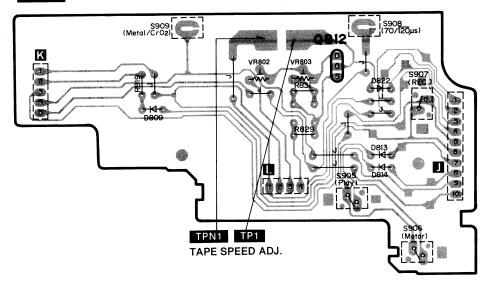


POWER

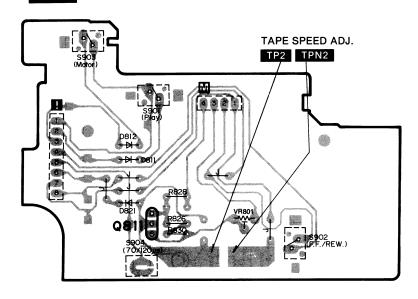
LED METER P.C.B.



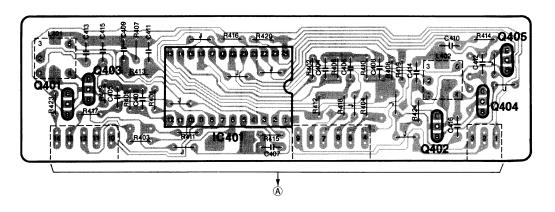
VII MECHANISM P.C.B. (DECK A)

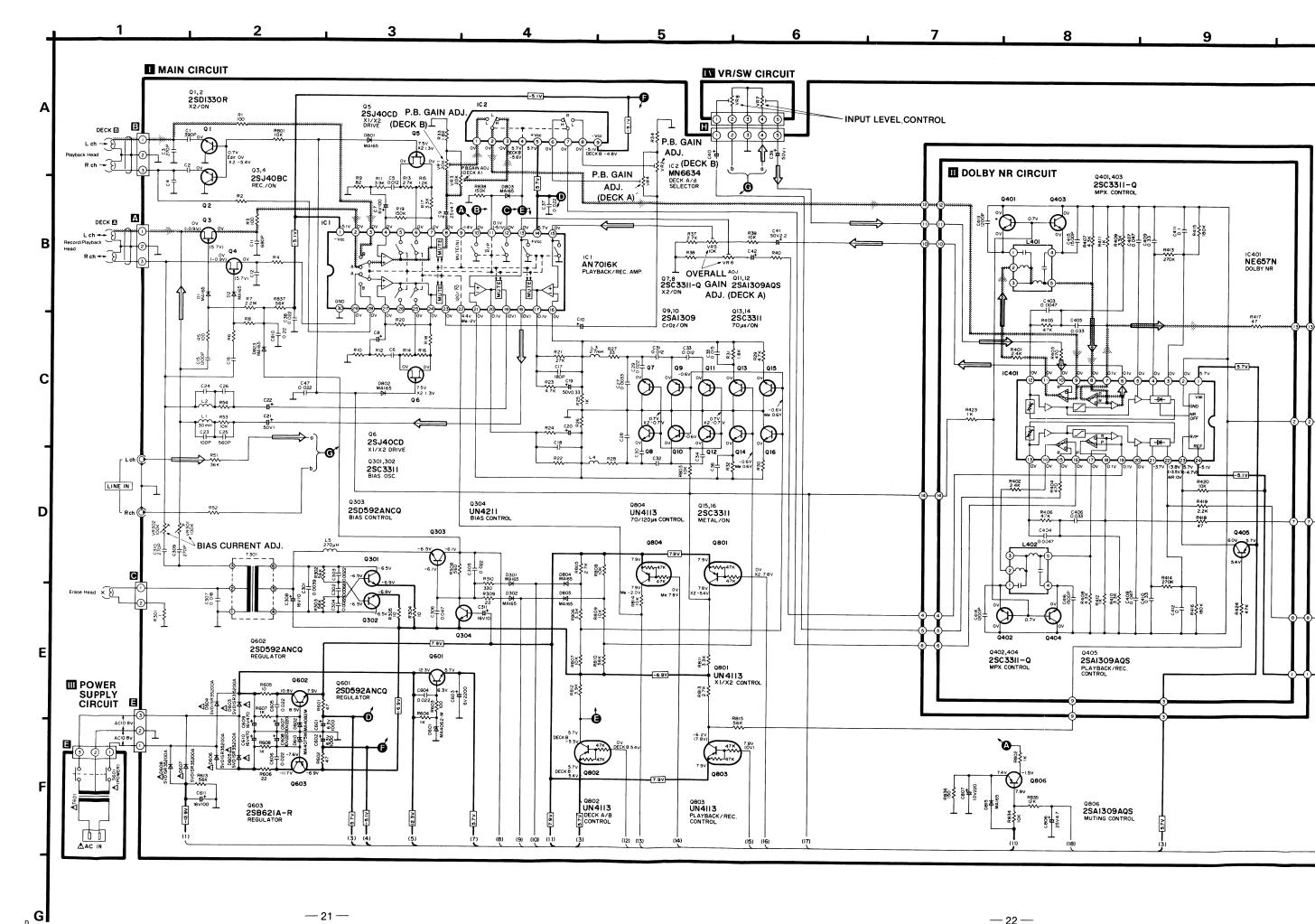


VIII MECHANISM P.C.B. (DECK B)



II DOLBY NR P.C.B. To Main P.C.B.





13 16 14 15 11 17 development of new technology.) **▼ LED METER CIRCUIT** Notes: : Editing switch in "off" position. • S1 • S2 : Dolby NR switch in "off" position. • S3 : Power switch in "off" position. S601 • S901 • S902 • S903 D704A~D704F LN463YCPPU (PEAK LEVEL) · S904 : DECK A play switch in "off" position. | D704H • S905 • S906 • S907 : DECK A rec switch in "off" position. • S909 $1 K = 1,000 (\Omega), 1 M = 1,000 k (\Omega)$ IC801 MN 1402 STO MICRO COMPUTER specified. .. Voltage values at record mode. 0V 16 70/120 ATS A (13 .. Voltage values at Metal tape mode. 0V 17 x2/XI UN4114 MOTOR DRIVE .. Voltage values at Editing mode. For measurement us EVM. • (—) indicates B (bias). • () indicates the flow of the playback signal. \$<u>8</u>3 • () indicates the flow of the record signal. • Important safety notice Z801 5.6K X 6 C703 0 022 * Caution! 9807,808 2SD592ANCQ C808 6800P * Ground the soldering iron. **`** * Put a conductive mat on the work table. `B-----**■ EQUIVALENT CIRCUIT** IC 701 AN6888 LED METER DRIVE IC701: AN6888 (10) **WIII** MECHANISM CIRCUIT (DECK B) **SPECIFICATIONS** 5 Blauback S/N ratio Q812 2SK38IBC 25K 38IBC S 2 (EDITING SPEED) VII MECHANISM CIRCUIT VR/SW CIRCUIT

(DECK A)

VI LED CIRCUIT

■ SCHEMATIC DIAGRAM

(This schematic diagram may be modified at any time with the

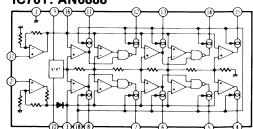
- : Editing speed select switch in "X1" position.
- : DECK B play switch in "off" position.
- : DECK B FF/REW switch in "off" position.
- : DECK B motor switch in "off" position.
- : DECK B 70/120µs detection switch in "off" position.
- : DECK A motor switch in "off" position.
- : DECK A 70/120µs detection switch in "off" position.
- : DECK A Metal/CrO₂ detection switch in "off" position.
- Resistance are in ohms (Ω), 1/4 watt unless specified otherwise.
- Capacity are in micro-farads (µF) unless specified otherwise.
- All voltage values shown in circuitry are under no signal condition and playback mode with volume control at minimum position otherwise
- .. Voltage values at Editing speed X2 mode.
- .. Voltage values at Dolby NR mode.
- DECK B Voltage values at DECK B Playback.

Components identified by \triangle mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

IC and LSI are sensitive to static electricity.

Secondary trouble can be prevented by taking care during

- * Cover the parts boxes made of plastics with aluminum foil.
- * Do not touch the legs of IC or LSI with the fingers directly.



* Input level control... MAX

Playback S/N ratio * Test tape QZZCFM	Greater than 45dB
Overall distortion * Test tape QZZCRA for Normal QZZCRX for CrO ₂ QZZCRZ for Metal	Normal Less than 3.5% CrO ₂ , Metal Less than 4%
Overall S/N ratio * Test tape QZZCRA	Greater than 43dB (without NAB filter)

TAPE SPEED ADJ.

VR803: HIGH

/VR802: NORMAL

TAPE SPEED ADJ.

(NORMAL)

■ BLOCK DIAGRAM Q5 X1/X2 Drive VR1 P.B. Gain Adj. Deck A/B Selector Q401, 403 Input Volume Deck B Playback Head Line In MPX CONTROL MPX NF Q1 X2/ON VR3 P.B. Gain Adj. IC401 IC1 P.B./Rec Amp Dolby NR 1 70μs/ ON Line Out REF VDD Deck A Rec/Playback Head R/P GND Q3 Rec/ON FILTER MUTE IC401 VR5 Overall 12 23 12 Gain 1 14 -B +B Editing Adj. NF Rec/ON on off (+B) Q803 S3 NR SW Q7 X2/ON P.B./Rec CONTROL Q802 Q13 70µs/ ON Q15 Metal/ ON Deck A/B CONTROL S909 Deck A Metal/CrO₂ LED METER DRIVE Deck B/Ā Editing Q9 CrO₂/ON Q801 Metal X1/X2 17 X2/X1 -⊗,] Q806 LED METER Vss 🗘 CrO₂ MUTI NG , (1) (+B) CONTROL (+B) Q804 Deck A Play 70/120µ S906 Deck A Motor 16¶ -**○**70/120µ S908 Deck A 70/120μ CONTROL S903 Deck B Motor D301, 302, 804, 805 AUTO TAPE SELECTOR CIRCUIT 6 ₽.B. Mute Scan A 24 **→** Normal Scan B VR301 🕏 RST C Bias Current Adj. Q303 S902 Deck B FF/Rew BIAS CONTROL S907 O Deck A Rec Rec S904 Deck B 70/120μ ATS B Q301, 302 T301 (+B) S2 Tape Speed BIAS MICRO-COMPUTER Deck A Erase Head Q812 X2/ON osc Q808, 810 MOTOR DRIVE $\overline{\mathbf{M}}$ Motor A Q807, 809 Motor -M NOTES: MOTOR Q811 X2/ON (): Playback signal (): Recording signal I vr801

■ REPLACEMENT PARTS LIST

Ref. No.	Part No.	Part Code	Description	Ref. No.	Part No.	Part Code	Description
CASSETTE DECK				158	SMQ.4860	016 726 0248 0	PAUSE LEVER SPRING
101	SJH103	001 270 1833 9	MAGNET I CHEAD	159	SMQ2444	016 718 0205 7	
			TAPE B	160	SMQ.4862	016 652 0306 6 016 726 0770 7	
101	RJH4C35GZAM	001 270 1680 8	MAGNETIC HEAD	161 162	SMQT1588 SMQT1587	016 718 3305 2	
			TAPE A	163	RFS253ZA	015 726 2232 8	
102	SMQ4596	016 726 0239 1		164	SMQ.T1589	016 718 3304 3	
103	RJH7E5YAM	001 270 1661 7	MAGNETIC HEAD TAPE A	166	SMQ.4872		EJECT KICK LEVER
103	SJH97	001 270 1682 6	MAGNETIC HEAD	168	SMQ.4880		FUNCTION LEVER W/SP
			TAPE B	169 170	SMQ.T1590 SMQ.4888		SUB CHASS IS
104	SMQ.4768	016 630 0142 0		171	SMQ.4890	016 728 0090 4	MIGEAR SPRING TRIGGER ARM SPRING
105	RFD135ZA	015 845 0361 4		172	SMQ.4892		TRIGGER ARM ASSEMBLY
106 107	SMQ.T1581 SMQ.4770	005 500 5750 4	HEAD PANEL SPRING	173	SMQ.4894	016 745 0071 0	
108	SMQ4772		TAKE UP ROLLER ASSY	174	SMQ.4896	016 745 0130 6	
109	RFS249ZA	015 726 2227 5		175	SMQT1678	016 754 0070 0	
110	SMQ4774		FUNCTION LEVER STOPPER	176	SMQ.4900 SMQ.4902		FLYWHEEL ASSY TRIGGER ARM
111	SMQ4776		PINCH ROLLER ASSY	177 178	SMQ.4902 SMQ.4904	016 717 0151 9	TRIGGER ARM SPRING
112	SMQT1458	016 630 0224 9		179	SMQ.4906		PAUSE ARM ASSY
113	SMQ.4778	016 718 0306 3	REC SAFETY LEVER	180	SMQ.4909	016 726 0780 5	
114	SMQ.4780	016 797 00E1 C	TAPE A PACK HOLDER SPRING	181	SMQ.4910	016 643 0445 7	LIFT ARM COLLAR
115	SMQ.4782		FLYWHEEL METAL	182	SMQ.T1593	016 717 0243 6	
116	RFY183ZA	015 718 3291 9		183	RFS248ZA	015 726 2226 6	
117	SMQ.4786	016 650 0555 1	COLLAR	184 185	SMQT1679 SMQT1633	002 310 2537 1	MOTOR ASSY FM- HOLD PLATE
118	SMQ.T1629	016 726 0778 9		100	3MM211033	010 000 0100 4	TAPE A
119	SMQ.4788	016 650 0556 0		185	SMQT1717	016 630 1843 4	FM HOLD PLATE
120 121	SMQ.4790 RFS379Z	016 718 0308 1	CONTROL LEVER				TAPE B
122	SMQ.4792		BRAKE SPRING	186	SMQ4916	016 653 0621 3	MOTOR RUBBER
123	SMQ.4794		BRAKE ARM ASSEMBLY	187	SMQT1595	016 630 1710 6	
124	SMQT1630	016 726 0777 0		188	SMQ.4922	016 726 0251 5	
125	SMQ.4800		SUPPLY REEL ASSEMBLY	190 191	SMQ.4940 SMQ.4858	016 718 0326 9	BUTTON LEVER SPRING
126	SMQT1636	016 726 0779 8		192	SMQT1453	016 726 0423 3	
127 128	SMQ.4804		TAKE UP REEL ASSEMBLY SENSING PIECE	193	SMQT1598	016 650 5194 6	
129	SMQ.4806 SMQ.4808		SENSING PIECE SPRING	194	SMQT1680	016 643 1042 8	
130	SMQ.4810	016 745 0069 4		195	RFS378Z	016 726 0610 2	
132	RFU16ZA	015 630 1587 9		205	RFS378Z	016 726 0610 2	SPRING
133	SMQ.4814		T, ROLLER KICK LEVER	SCREWS, WASHERS			
135	SMQ.4818		SENSING LEVER	131	SMQ.4168	016 650 0538 2	
136 137	SMQ.4820 SMQ.4822	016 726 0245 3	SENSING LEVER SPRING	134	SMQ.T1582	005 500 5751 3	
138	SMQ.4824		FULL AUTO BELT	147 165	SMQ.4838 SMQ.4870		COLLAR SCREW COLLAR SCREW
139	SMQ.4826	016 745 0070 1		167	SMQ.4878		COLLAR SCREW
140	SMQ.T1631	016 726 0781 4	SPRING	189	SMQ.4942		COLLAR SCREW
141	SMQ.T1583	016 717 0242 7		196	SMQ.4936		NY LON WASHER
142	SMQ.T1635	016 752 0123 4		197	XSN2+8	005 500 1301 1	
143	SMQ.4832 SMQ.4834		RF SLIDING LEVER ASSY	198	SMQT1634	005 500 5867.2	
144 145	SMQ.4938	016 718 0312 5	AUTO LEVER COLLAR	199 200	XWG2 SMQ4944	005 513 1459 9 005 500 2957 3	
146	SMQ.4836		BUTTON BASE(L)	200	XYN2+C4	005 503 0548 9	
148	SMQ.4840		BUTTON BASE(R)	202	XYN2+C6	005 500 1297 0	
149	SMQT1585	016 643 0920 1		203	XSN26+5	005 500 1361 9	
150	0110 74500	040 740 0000	TAPE A	204	XYN2+C5	005 500 1291 6	
150	SMQT1586	016 718 3306 1		206	RFE133Z		RETAINING RING
151	SMQ4846	016 718 0315 2	TAPE A PLAY BUTTON LEVER	207 208	SMQ.4930 XUC12FT	005 513 2291 1	POLYSLIDE WASHER
152	SMQ.4848		RWD BUTTON LEVER	209	XUC2FT	005 512 0126 6	
153	SMQ.4850		FF BUTTON LEVER	210	XYN26+C6	005 503 0554 1	
154	SMQ.4852	016 718 0318 9	STOP BUTTON LEVER	211	XUC15FT	005 512 0121 1	
155	SMQ.4854		PAUSE BUTTON LEVER ASSY	212	SMQ.4932		NYLON WASHER
156	SMQ.4856		BUTTON LEVER SPRING	213	SMQ.4934	005 500 2956 4	
157	SMQT1716	UIB 126 0988 1	BUTTON LEVER SPRING	214	XTN26+3		TAPPING SCREW
157	SMQ.4858	016 726 0247 1	TAPE B BUTTON LEVER SPRING	215 216	SMQ.T1454 SMQ.4918	005 513 4008 0 016 643 0446 6	
	J. 1000	0.0 120 0241 1	TAPE A	217	RFN73Z	016 643 0778 9	

■ MECHANICAL PARTS LOCATION

 When changing mechanism parts. apply the specified grease to the are marked "× ×" shown in the drawing "Mechanical Parts Location". Ref. No. Part Name Part No. ● ROCOL PASTE RZZ0L06 FLOIL G-488M SZZ0L28 FLOIL 947P RZZ0L02 SILICONE OIL NO. 2 SZZ0L12 FLOIL G-488 SZZ0L10 FLOIL G-311S SZZ0L26 102 SPECIFICATIONS NOTE: The value indicated by the torque tape may fluctuate during torque measurement. In that case, obtain the middle of the values. 170 Pressure of pressure roller $350 \pm 50 g$ Takeup tension * Use cassette torque 35~70 g-cm meter.....QZZSRKCT Wow and flutter; (JIS) Less than * Use test tape 0.1% (WRMS)QZZCWAT (S904, 908) 108 (DECK A) (DECK A) (DECK A) (DECK A) 213 111

	202 19 214	7 202 196 213 213	199 198 3 192	191 217	191 209	209 210 182 189 181 183
				177 161 155 160 180 162 163 179 157 165 166 146 154 158 159 153 167 164	178 174 147	170 173 171 171 152 149 151 148
113 112	102 103 ₁ 107 114 105	04 115	102 110 101 109 106 111 108	134 134 134		1.

■ MECHANICAL PARTS LOCATION

Description

ÀUSE LEVER SPRING EVER STOPPER PRING EVER PRING EVER JECT KICK LEVER UNCTION LEVER W/SP JB CHASSIS GEAR SPRING TRIGGER ARM SPRING RIGGER ARM ASSEMBLY AIN GEAR AUSE GEAR AIN BELT YWHEEL ASSY RIGGER ARM FRIGGER ARM SPRING AUSE ARM ASSY PRING FT ARM COLLAR RING TOR ASS/Y - HOLD PLATE PE A HOLD PLATE TOR RUBBER

RING LLAR SCREW LLAR SCREW LLAR SCREW LLAR SCREW LON WASHER ALL SCREW SHER REW REW AINING RING YSLIDE WASHER ON WASHER PING SCREW EW

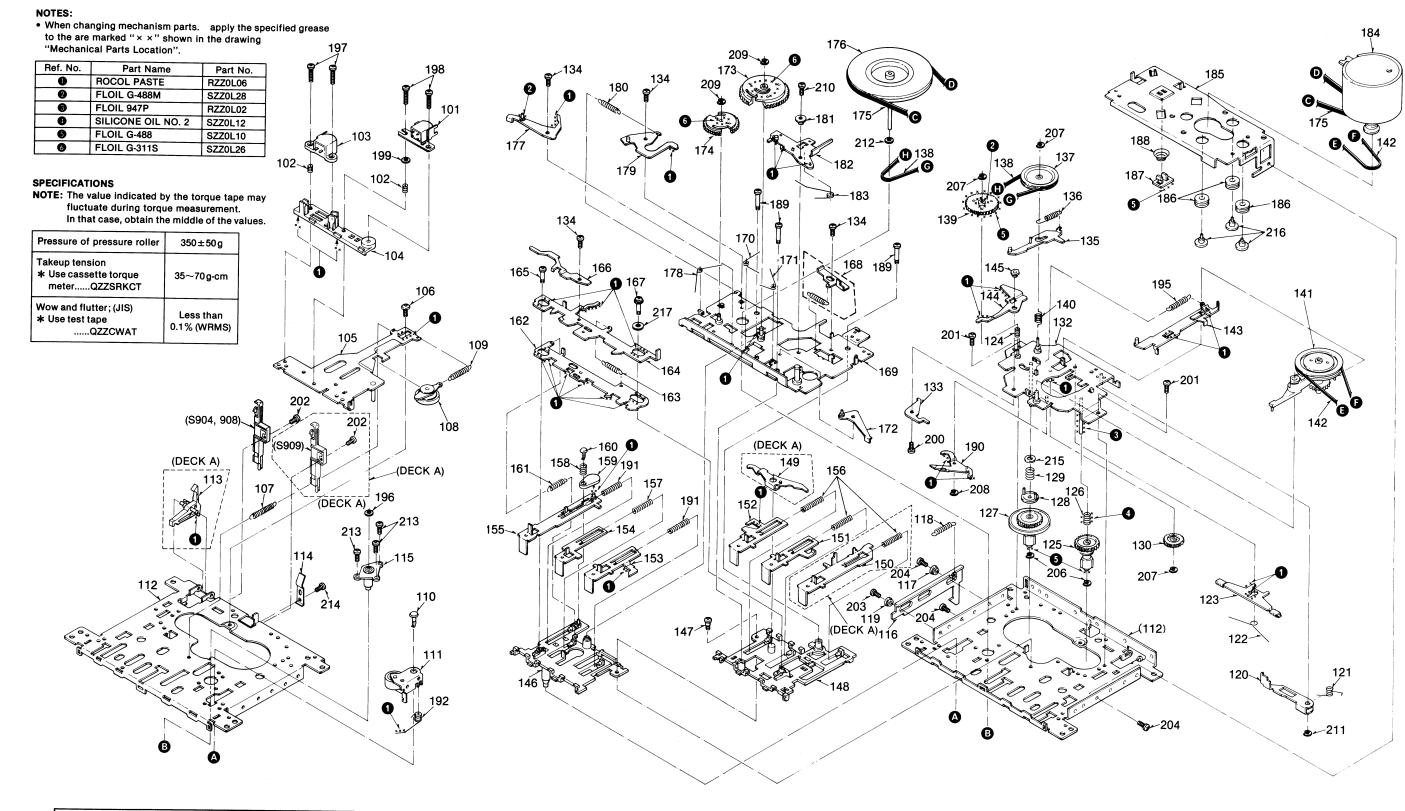
CK LEVER

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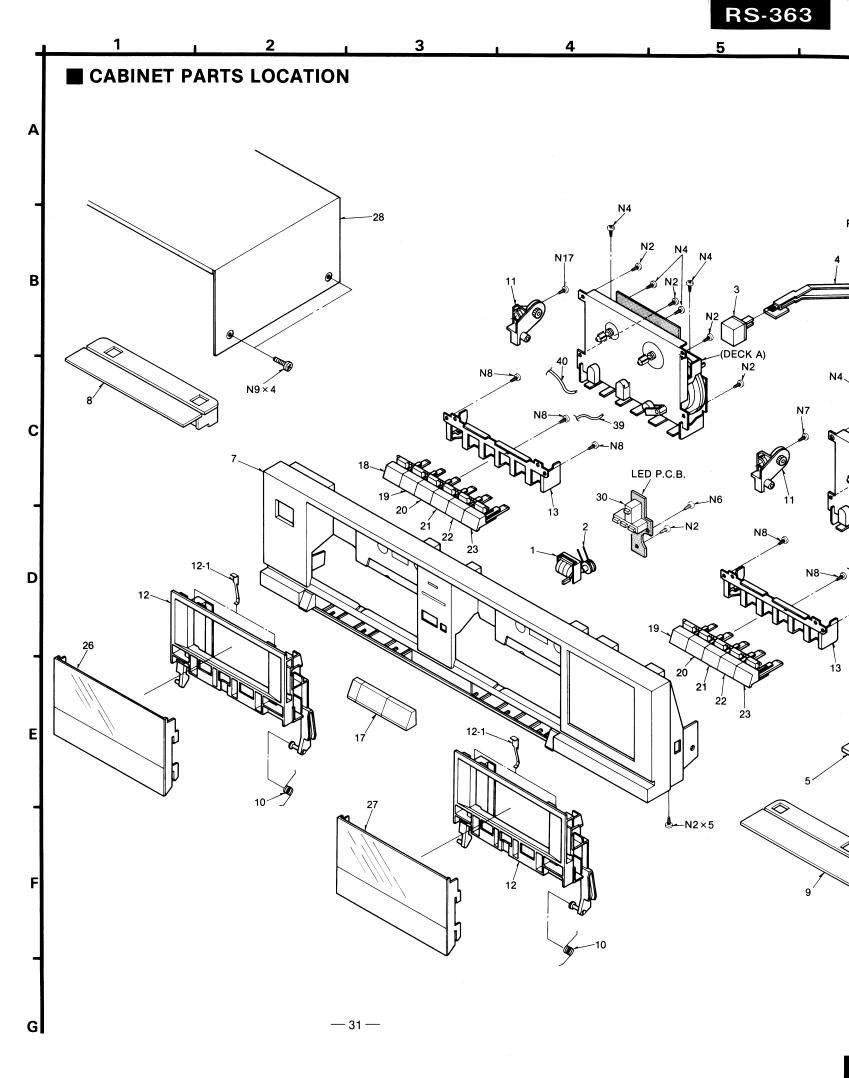


202 197 202 196 199 198 214 213 213 192	191 217 191 ²⁰	9 209 210 162 212 200 190 207 207 189 181 183 203 189 204 204 208 201 215 206	187 188 185 186 186 204 207 201 195 216 211
102 103 104 102 110 101 109	177 161 155 160 180 162 163 179 157 178 174 165 166 146 154 158 159 153 167 164 147 134 134 134	170 173 171 171 168 172 176 169 145 152 149 151 148 156 150 175 144	143 141 175 142 142
113 112 107 114 105 ¹⁰⁴ 115 106 111 108		134 138 133 117 139 138 124 137 135 136 140 126 119 116 118 127 128 129 132 125 112	130 123 122 120 121

■ REPLACEMENT PARTS LIST

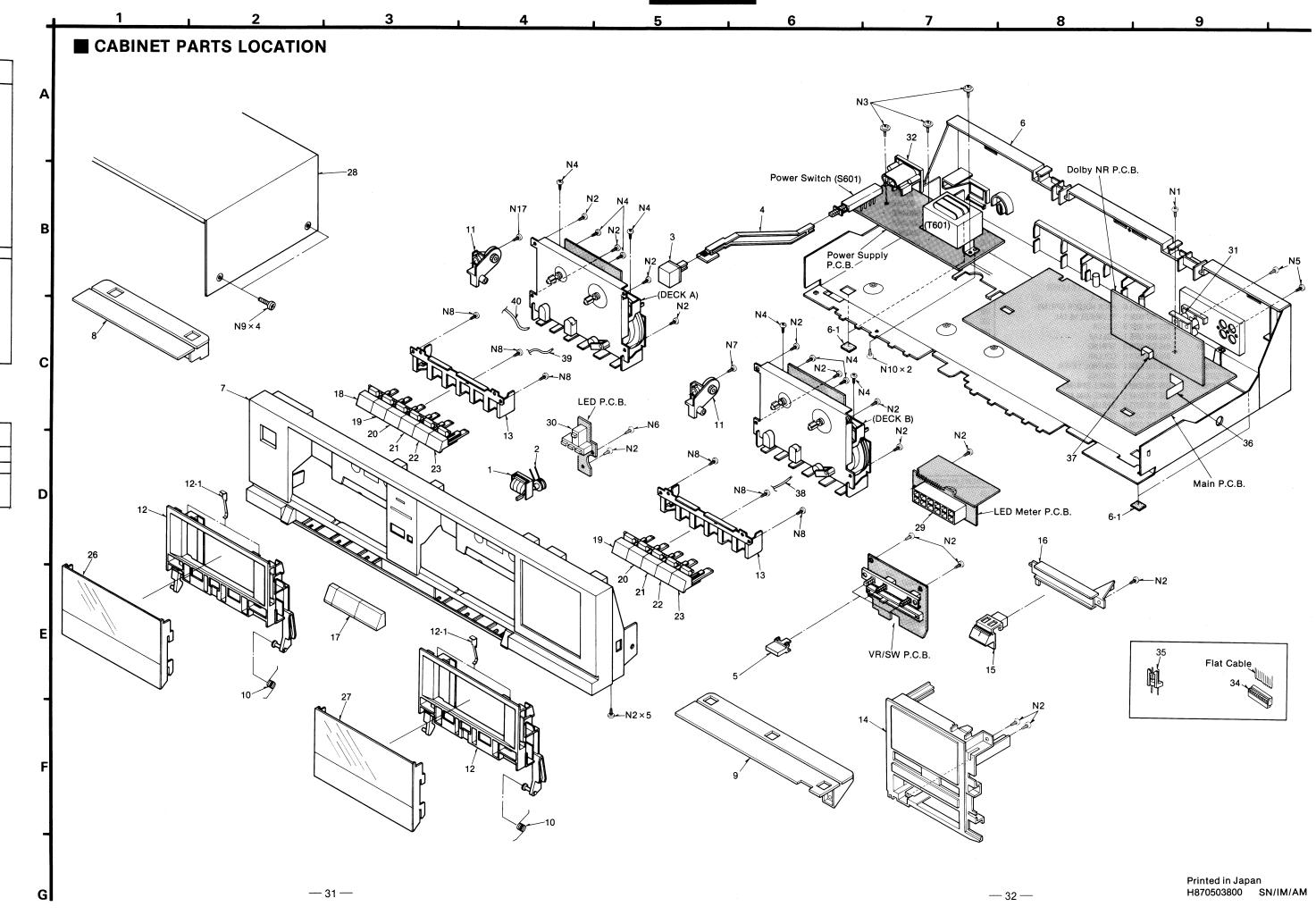
Ref. No.	Part No.	Part Code	Description	Ref.	No.	Part No.	Part Code	Description
CABINET AND CHASSIS						SGE1896-1	016 820 0624 9	CASSETTE LID
1 2 3 4 5 6 6-1 7 8 9 10 11 12 12-1 13	SJN20 SMQ20018 SBC666 SUB255 SBC944-1 SKMS363-KM SKL293 SGYS363-KM SGX7894 SGX7895 SUS797 SGXST25-KP SGXST17-KM QBP2006A SMN2001-1	016 892 0121 5 016 754 0054 0 016 702 5545 6 016 702 7117 4 016 840 8012 7 016 840 8015 4 016 846 3777 9 016 846 3776 0 016 726 0677 3 016 846 3480 3 016 846 3495 7 015 727 0706 8 016 632 1784 8	TAPE COUNTER ANGULAR BELT BUTTON, POWER ROD BUTTON REAR PANEL RUBBER FRONT PANEL (K) SPACER SPACER SPAING ORNAMENT CASSETTE HOLDER SPRING ANGLE	28 29 30 31 32 34 34 35 35 36 37 38 39	Δ	SKC2090K96 LN121307P LN041395P SJF3057NK SJS9236 SJT30540LX-V SJT30840LX-V SJT31040LX-V QJP1920TN-1 QMC1227 SMC1227 SMN2043 SWKST11M1 SWKST11M2 SWKST11M3	016 800 3153 9 001 032 8495 7 001 033 0045 6 003 410 8123 0 003 403 4660 7 003 410 5996 1 003 410 5998 9 003 410 6112 1 003 403 7212 8 003 403 7212 0 016 601 0543 0 016 632 1880 9 016 934 0162 5 016 934 0160 7	CABINET BODY DIODE, GAASP DIODE, GAASP TERMINAL BOARD AC SOCKET CONNECTOR LUG TERMINAL LUG TERMINAL CONNECTOR CONNECTOR SHIELD COVER ANGLE P.HEAD WIRE E,HEAD WIRE
14	SGX7899	016 846 3774 2	ORNAMENT		S.WASHERS			
15 16 17 18 19 20 21 22 22 23	SBD144-1 SGX7898-2 SGX7897-1 SBC801-1 SBC802-1 SBC803-1 SBC804-1 SBC805-1 SBC806-1 SGE1896		KNOB ORNAMENT ORNAMENT BUTTON BUTTON BUTTON BUTTON BUTTON BUTTON BUTTON BUTTON CASSETTE LID	N1 N2 N3 N4 N5 N6 N7 N8 N9 N10		XTBS3+8JFZ1 XTB3+10J XTW3+12Q XTB3+6F XTB3+12JFZ XTV26+6J XTB3+12J XTV26+8J XNE2125-1 XTB3+8JFZ	005 501 1350 7 005 501 2687 1 005 501 2078 0 005 501 1301 6 005 501 1534 1 005 501 1140 5	SCREW SCREW TAPPING SCREW SCREW TAPPING SCREW SCREW SCREW SCREW SCREW SCREW SCREW SCREW

Ref. No.	Part No.	Part Code	Description	Re	f. No.	Part No.	Part Code	Description
PACKINGS				P5		SPP723	016 978 0207 5	PROTECTION COVER
P1	SPG5969	016 971 5137 7	CARTON BOX	ACCES	SORIES			
P2	SPS4966	016 977 3304 8	PAD	A1	Δ	SJA170T	003 490 5170 7	POWER CORD
P3	SPS4967	016 977 3303 9	PAD	A2		SJP2271		CORD
P4	SPS4905	016 977 3274 7	PAD					



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RS-363



Description

ASSETTE LID
ABINET BODY
ODE, GAASP
ODE, GAASP
ODE, GAASP
ERMINAL BOARD
C SOCKET
DINNECTOR
UG TERMINAL
UG TERMINAL
UNINECTOR
DINNECTOR
HIELD COVER
GGLE
HEAD WIRE
P HEAD WIRE

CREW
PPING SCREW
CREW
PPING SCREW
CREW
CREW
CREW
CREW
CREW
CREW
CREW

POTECTION COVER

OWER CORD ORD